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279167US2PCT TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR 1.5) DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY PCT/JP04/04861 2 April 2004 3 April 2003 TITLE OF INVENTION CARIOUS TOOTH DETECTION DEVICE APPLICANT(S) FOR DO/EO/US Atsushi YAMAGISHI Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  $\boxtimes$ 1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.  $\boxtimes$ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), 3. (9) and (24) indicated below. 4. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. 🗆 is attached hereto (required only if not communicated by the International Bureau). b. 🛛 has been communicated by the International Bureau. c. 🗇 is not required, as the application was filed in the United States Receiving Office (RO/US).  $\boxtimes$ 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🛚 is attached hereto. b. 🗆 has been previously submitted under 35 U.S.C. 154(d)(4). 7. X Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) a. 🗆 are attached hereto (required only if not communicated by the International Bureau). b. 🔲 have been communicated by the International Bureau. c. 🔲 have not been made; however, the time limit for making such amendments has NOT expired. d. 🛛 have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12.  $\bowtie$ A copy of the International Search Report (PCT/ISA/210). Items 13 to 23 below concern document(s) or information included: 13.  $\boxtimes$ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. A FIRST preliminary amendment. 16. A SECOND or SUBSEQUENT preliminary amendment. 17. A substitute specification. 18. A power of attorney and/or change of address letter. 19. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. Express Mail Label No.  $\boxtimes$ 23. Other items or information: **Application Data Sheet Notice of Priority** Drawings (10 sheets) PCT/IB/304 PTO-1449 References Cited (2)

JC20 Rec'd PET/PTO 0.3 OCT 20050-1390 (Rev. 02-2005)
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U.S. APPLICATION NO (if known, see 37 CFR 1.5)			INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET NUMBER	
10/551842			PCT/JP04/04861			279167US2PCT	
The following fees are submitted:						CALCULATIONS	PTO USE
24. Basic national fee						\$ \$300.00	
25. ⊠ Examination fee  If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). \$100  All other situations. \$200						\$ \$200.00	
26. Search fee						\$ \$400.00	
TOTAL OF 24, 25 and 26 =						\$ \$900.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra Sheets	of each additional 50 reof (round up to a w		RATE			
- 100 =	0 /50 =	0			× \$250.00	\$ \$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).						\$ \$130.00	
CLAIMS	NUMBER F	NUMBER EXTRA		RATE	,		
Total claims	42	42 - 20 =		×	\$50.00	\$ \$1,100.00	
Independent clair	ns 6	- 3=	3	х	\$200.00	\$ \$600.00	
MULTIPLE DEPENDENT CLAIMS (if applicable)			×	+	\$360.00	\$ \$360.00	
TOTAL OF ABOVE CALCULATIONS =						\$ \$3,090.00	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.						\$ \$0.00	
SUBTOTAL =						\$ \$3,090.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).						\$ \$0.00	
		\$ \$3,090.00					
Fee for recording accompanied by	the enclosed assign appropriate cov	\$ \$0.00					
		\$ \$3,090.00					
						Amount to be	\$
·						Amount to be	s
a.  A check in the amount of \$ to cover the above fees is enclosed.							
b. Please charge my Deposit Account No in the amount of to cover the above fees.  A duplicate copy of this sheet is enclosed.							
c. 🗵 The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment							
to Deposit Account No. 15-0030 . A duplicate copy of this sheet is enclosed.  d.  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card							
information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
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